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H103 H121 H122 H141 H142 H321 H322 H521 H522 H541 H542 H6 H601 H609  
H663 H721 H722 H724 L142 L143 L199 M1 M113 M115 M116 M119 M123 M125  
M126 M129 M133 M134 M139 M210 M211 M212 M213 M214 M215 M216 M220 M221  
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M312 M314 M320 M321 M322 M332 M342 M412 M413 M510 M511 M512 M522 M523  
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G021 G029 G037 G038 G039 G040 G111 G112 G221 G299 G542 G552 G562 G572  
H103 H121 H122 H141 H142 H321 H322 H521 H522 H541 H542 H6 H601 H609  
H663 H721 H722 H724 L142 L143 L199 M1 M113 M115 M116 M119 M123 M125  
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AB - J07173151 Diarylethene compound(s) of formula (I) is new. A, B = aryl,  
heteroaryl; R1, R3 = alkyl; R2, R4 = H, alkyl, dialkylamino, cyano,  
nitro, alkoxy; I, m = 0-2; and n = 2-5. Optical write and read process  
using (I)-contg. optical memory material (II) comprises: (1) optical  
write into (II) using visible light; and (2) optical read from (II)  
using visible light at a temp. lower than that of optical write by 40  
deg. C or more.

- USE - (I) is useful as optical memory material.

- ADVANTAGE - (I) has photochromic property, good optical durability,  
stability, sensitivity to semiconductor laser and large molecular  
absorption coefficient.

- (Dwg.0/7)

CN - 9536-C2201-N

IW - NOVEL DI ARYL ETHYLENE COMPOUND USEFUL OPTICAL MEMORY MATERIAL OPTICAL DURABLE SENSITIVE SEMICONDUCTOR LASER OPTICAL WRITING READ PROP OPTICAL MEMORY MATERIAL

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NC - 001

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PAW - (KANE ) KANEBO LTD

TI - Novel di:aryl:ethene cpds. useful as optical memory material - having good optical durability, sensitivity to semiconductor laser, and optical write and read props in optical memory material